

## **SPECIAL SESSIONS MONDAY SCHEDULE**

**10<sup>th</sup> Biennial Conference for Research on the Colorado Plateau**

### **SPECIAL SESSION: CONSERVATION POLICY UNDER THE OBAMA ADMINISTRATION**

**Date:** Monday, October 5, 2009: AM Session  
**Location:** HUMPHREYS  
**Time:** 8:00-11:00a

### **PROBLEM SOLVING SESSION: COLLABORATIVE CONSERVATION**

**Date:** Monday, October 5, 2009: PM Session  
**Location:** REESE  
**Time:** 1:30-4:30p

### **PROBLEM SOLVING SESSION: ENERGY DEVELOPMENT AND CONSERVATION**

**Date:** Monday, October 5, 2009: PM Session  
**Location:** DOYLE  
**Time:** 1:30-4:30p

### **PROBLEM SOLVING SESSION: CONNECTIVITY**

**Date:** Monday, October 5, 2009: PM Session  
**Location:** FREMONT  
**Time:** 1:30-4:30p

### **PROBLEM SOLVING SESSION: CLIMATE CHANGE AND WATER**

**Date:** Monday, October 5, 2009: PM Session  
**Location:** HUMPHREYS  
**Time:** 1:30-4:30p

## **GUEST SPEAKER: PAUL EHRLICH**

**Date:** Monday, October 5, 2009: PM Session

**Location:** PROCHNOW AUDITORIUM, NAU

**Time:** 5:30pm

**\*BBQ and Social to follow at the High Country Conference Center\***

## SPECIAL SESSIONS SCHEDULE

### 10<sup>th</sup> BIENNIAL CONFERENCE of RESEARCH ON THE COLORADO PLATEAU

#### Conserving Connectivity in Changing Landscapes

**Date:** Tuesday, October 6, 2009: AM/PM Session

**LOCATION:** HUMPHREYS

**Moderator:** Alison Jones, *Wild Utah Project*

---

8:00-8:20a ALISON JONES/PAUL BEIER – *Introductory remarks*

**Part I: Studying and modeling wildlife movement and ecological connectivity**

8:20-8:40a JODY HILTY – *Conserving extensive connectivity in contested landscapes*

8:40-9:00a JOEL BERGER – *What does it take to conserve a migration corridor?*

9:00-9:20a PAUL BEIER, T. Graves – *An overview of science-based approaches to wildlife linkages design*

9:20-9:40a BRIAN BROST (AGREED, NO AB) – *Modeling enduring features as a strategy to conserve connectivity in a changing climate*

9:40-10:00a ALLISON JONES (AGREED, NO AB) – *Least cost modeling for lynx*

10:00-10:20a KEVIN CROOKS, J. Tracey, S. VandeWoude – *Agent-based movement models to assess functional connectivity and disease transmission*

10:20-10:40a DAVE THEOBALD – *Incorporating land use change into landscape connectivity: an assessment of US natural landscapes from 1992 to 2030*

10:40-11:00a DAN MAJKA – *ArcGIS tools for designing least-cost linkages for multiple focal species*

11:00-11:20a BRAD McRAE, B. Dickson, V. Shah – *Using circuit theory to prioritize habitats for connectivity conservation*

11:20-11:40a HEALY HAMILTON, P. Coppolillo – *Projecting climate change impacts on species distributions in the West in support of connectivity conservation*

11:40-12:00p BRIAN BROST, P. Beier – *Conserving the stage, not the actors: using land facets to conserve connectivity in a changing climate*

**Part II: Putting Connectivity on the Statewide or Regional Map**

1:10-1:30p GARY TABOR – *Connectivity conservation and climate adaptation – large landscape lessons from Yellowstone to Yukon Conservation Initiative*

1:30-1:50p ROBERT F. BALDWIN, R. Perkl, S. Trombulak – *Ecoregional landscape networks: connectivity for species most sensitive to landscape transformation*

1:50-2:10p ALLISON L. JONES, W. Bates – *Least cost path modeling for lynx in the middle Rockies*

- 2:10-2:30p THE WASHINGTON WILDLIFE HABITAT CONNECTIVITY WORKING GROUP  
– *Washington's approach to identifying opportunities to conserve connectivity at multiple scales*
- 2:30-2:50p WAYNE SPENCER, K. Penrod – *Statewide connectivity mapping in California: from expert arrows (2000) to modeled surfaces (2010)*
- 2:50-3:10p BRUCE EILERTS, J. Mikolajczyk, S. Nordhaugen, S. Reif – *Conserving critical wildlife habitats and corridors in Arizona: the Arizona wildlife linkages assessment and beyond*
- 3:10-3:30p TOM HOCTOR, M. Carr P. Zwick – *Identifying and protecting connectivity in Florida and Southeastern U.S.*

### **Part III: Implementing Linkage Design**

- 3:30-3:50p JOEL BERGER – *What does it take to conserve a migration corridor?*
- 3:30-4:10p JEFF JENNESS, P. Beier – *Making good compromises in implementing wildlife linkage designs*
- 4:10-4:30p RAY SCHWEINSBURG, J. Gagnon – *Implementation of wildlife corridor designs in Arizona*
- 4:30-4:50p SHERRY RUTHER – *Implementation of linkage design at the local level – Arroyo Grande as state of the art*
- 4:50-5:10p GRAHAM WHITELAW, P. Eagles – *The role of conservation biology in the establishment of a natural heritage system for the Oak Ridges Moraine, Ontario Canada*
- 5:10-5:30p PAUL EAGLES, E. Mayfarth, G. Whitelaw – *Moving from landscape connectivity theory to land use planning practice: the city of Oakville*
- 5:30-5:50p KRISTEN PENROD - *Five years of success and challenges in implementing linkage designs in Southern California*

## **Collaborative Cultural Resource Management: Museum of Northern Arizona and Grand Canyon National Park Investigations Along the Colorado River**

**Date:** Tuesday, October 6, 2009: PM Session

**LOCATION:** DOYLE

**Moderator:** Ted Neff, *Museum of Northern Arizona*

- 
- 1:30-1:50p TED NEFF – *Introductory remarks*
- 1:50-2:10p JANET BALSOM, L. Leap, J. Dierker – *Preservation and public archaeology: Grand Canyon National Park's Colorado River archaeological project*
- 2:10-2:30p JIM COLLETTE – *Shinarump becomes you: the evolving ceramics in the Grand Canyon prehistory*

2:30-2:50p	ELLEN BRENNAN, I. Hough – <i>Pre-Colombian architecture of the East Grand Canyon River Corridor: patterning, settlement evidence, and culture</i>
2:50-3:10p	JASON NEZ – Looking up: a Native American archaeologist's perspective on archaeology in the Grand Canyon
3:10-3:30p	KRISTIN BROWN, K. Anderson, T. Neff – <i>3D visualizations and animations of archaeological sites along the Colorado River offer valuable insight to researchers, managers, and to the public</i>
3:30-3:50p	KIRK ANDERSON, T. Neff – <i>Applying geomorphic studies to understanding past human adaptation in Grand Canyon National Park</i>
3:50-4:10p	DAWN KISH – <i>Dawn Kish Photography – documenting new excavations along the Colorado River Corridor for the Museum of Northern Arizona and Grand Canyon National Park</i>
4:10-4:30p	MARY JANE WRIGHT – <i>Micro and macro paleoethnobotany in the Grand Canyon River Corridor: The Palasides Site</i>
4:30-4:50p	DON KELLER – <i>Excavation of structure 4, arroyo 5, at the Furnace Flats Site</i>
4:50-5:10p	KIMBERLY SPURR – <i>The Furnace Flats Site as viewed from arroyo 6 excavations</i>
5:10-5:30p	TED NEFF, K. Anderson, K. Brown – <i>Axehandle Alcove: a well-stratified record of Holocene human occupation and Colorado River flooding</i>
5:30-5:50p	TOM BARTELS – <i>Digital media for public outreach and education: recent archaeology in Grand Canyon National Park</i>

## Happy 10<sup>th</sup> Birthday to the Cooperative Ecosystem Studies Units: Where Will the Next Decade Take Us?

**Date:** Tuesday, October 6, 2009: PM Session  
**LOCATION:** FREMONT  
**Moderator:** Kathy Tonnessen, NPS, RM-CESU

---

1:30-1:40p	<i>Introductory Remarks?</i>
1:40-2:00p	PERRY BROWN – <i>Evolution of the CESU Network: 10 years of success</i>
2:00-2:10p	TOM FISH – <i>The way forward with the CESU Network – new collaborations and new directions</i>
2:10-2:30p	RON D. HIEBERT – <i>The Colorado Plateau CESU: Seeing it from both sides of the fence</i>

2:30-2:50p	BEN BALDWIN, B. Bobowski, J. Visty – <i>Internships across the Intermountain West – training students to be our next generation of resource managers through the CESU's</i>
2:50-3:10p	TRINKLE JONES, P. O'Brien, Cult. Res. Spec (TBD) – <i>The role of the CESU's of the National Park Service, Intermountain Region in getting support for cultural resource managers in our parks</i>
3:10-3:30p	KATHY TONNESSEN, P. Brown, T. Fish – <i>How CESUs can advance climate change science and assist managers with adaptation, mitigation and education about the effects on resources</i>

## Integrating Science into Public Process and Water Resource Decision-making: Process and Progress of the Dolores River Dialogue

**Date:** Tuesday, October 6, 2009: PM Session  
**LOCATION:** FREMONT  
**Moderator:** CAROLYN DUNMIRE, *Dolores River Dialogue Member*

---

3:50-4:00p	CAROLYN DUNMIRE – <i>Introductory remarks</i>
4:00-4:20p	MICHAEL PRESTON, C. Wanner – <i>Formation of the DRD and creating the plan to proceed</i>
4:20-4:50p	JIM SISCOE, A. Oliver, D. Graf – <i>Science and the DRD</i>
4:50-5:20p	MARSHA PORTER-NORTON, C. Anderson, R. Carver – <i>Integrating science and flow constraints into management actions</i>
5:20-5:50p	Discussion

The Dolores River Dialogue (DRD) is a collaborative group of conservation, water management, land management, recreation and government representatives that formed voluntarily in January, 2004 to explore opportunities to better manage McPhee Reservoir and improve downstream ecological conditions on the Dolores River located in Southwestern Colorado. The collaboration uses primary scientific research and historical data to identify possible ecological outcomes while honoring private property and water rights, protecting agricultural and municipal water supplies and the continued enjoyment of river recreation activities such as rafting and fishing. The DRD has been recognized by Interior Secretary Salazar as an example of a science-based collaborate process that will used as a model for resource and management decision-making throughout the U.S.

This symposium will introduce participants to the formation of the DRD – why it formed, how it was formed, and the creation and adoption of the foundational document the “Plan to Proceed.” The

symposium will include a detailed discussion of how science is managed, conducted, and funded for the DRD. The symposium will close with examples of recent decisions and management actions undertaken by the DRD including: the Dolores River Plan Working Group contributing to the update of BLM's 1990 Dolores River Corridor Management Plan; Dolores River Watershed Plan; and a water leasing proposal for in-stream flow benefit.

## Collaborative Herpetofauna Research in the Desert Southwest and its Riparian Areas

**Date:** Wednesday, October 7, 2009: AM Session  
**LOCATION:** REESE  
**Moderator:** Erika Nowak, USGS, Northern Arizona University

---

8:00-8:10a	ERIKA NOWAK – <i>Introductory remarks</i>
8:10-8:30a	SUSAN R. MacVEAN, S. Hedwell, C. Drost – <i>Establishment of a Northern leopard frog refuge population in Northern Arizona</i>
8:30-8:50a	CHARLES A. DROST, Jeffrey E. Lovich – <i>Population decline of Sonora mud turtle (Kinosternon sonoriense) at Montezuma Well, Arizona</i>
8:50-9:10a	JEFFREY LOVICH, S. Madrak, C. Drost, A. Monatesti, D. Casper, M. Znari – <i>Reproductive ecology of female Sonora mud turtles (Kinosternon sonoriense) at Montezuma Well, Arizona: optimal egg size in a suboptimal environment?</i>
9:10-9:30a	CLAIRE CROW – <i>Status and stewardship of desert tortoises in Springdale, Utah</i>
9:30-9:50a	VALERIE BOYARSKI – <i>Tracking the persistence of Northern Mexican gartersnakes (Thamnophis eques megalops) in the presence of nonnative predators in a high modified system in Arizona</i>
9:50-10:10a	CALEB LOUGHRAN, E. Eddy – <i>Documenting herpetofauna of the Colorado Plateau as a conservation effort</i>

## Ungulates and Predators in National Parks – What Can We Learn by Comparing Notes Across Bio Regions?

**Date:** Wednesday, October 7, 2009: AM Session  
**LOCATION:** DOYLE  
**Moderator:** Ron Hiebert, Northern Arizona University

---

8:00-8:10a	Introductory remarks?
8:10-8:30a	DAVID MATTSON – <i>No park is an island: mountain lions on the Southern Colorado Plateau</i>



- 8:30-8:50a HILARY COOLEY – *Recent investigations into the effects of hunting on mountain lions in Western states*
- 8:50-9:10a BRANDON HOLTON, D. Mattson – Free water selection by large vertebrates: implications for wildlife management
- 9:10-9:30a THERESE] JOHNSON, J. Mack, B. Bobowski – *Managing elk in the absence of an intact ecosystem: challenges in Rocky Mountain National Park*
- 9:30-9:50a JESSICA GIST – *Managing predators across boundaries: lessons from the Mexican Wolf introduction*
- 9:50-10:10a PHILIP HEDRICK – *Conservation genetics and North American bison*

## The Role of Science in the Development of Native Plant Materials for the Colorado Plateau

**Date:** Wednesday, October 7, 2009: AM Session  
**LOCATION:** FREMONT  
**Moderator:** WAYNE PADGETT, *Bureau of Land Management*

- 
- 8:00-8:10a WAYNE PADGETT – *Introductory remarks*
- 8:10-8:30a WAYNE PADGETT – *BLM and US Forest Service policies and efforts to increase the availability native plant materials for restoration efforts on the Colorado Plateau – Colorado Plateau Native Plan Initiative (CPNPI) Five Year Strategy*
- 8:30-8:50a JAMES CANE – *Pollination, pollinators, and promise for forb seed farming and sustainable rehabilitation*
- 8:50-9:10a BOB HAMMON – *Managing some unique pests of mountain brome and blue wild ray*
- 9:10-9:30a GREG FENCHEL, D. Dresen, D. Goodson, K. White – *Planting methods for the Colorado Plateau and other arid areas*
- 9:30-9:50a ANDREA KRAMER, J. Fant – *The role of reproductive ecology and conservation genetics of plant species on ecosystem restoration*
- 9:50-10:10a JOEL HOLTROP – *Strategies for natural resource management under changing climates*

## Extreme Weather(ing): Measuring, Modeling, and Predicting Change at Colorado Plateau Cultural Sites

**Date:** Wednesday, October 7, 2009: AM Session  
**LOCATION:** REESE  
**Moderator:** Frank Matero, *University of Pennsylvania*

- 
- |              |  |
|--------------|--|
| 10:20-10:40a | FRANK MATERO – <i>Introductory remarks</i>   |
| 10:40-11:00a | RACHAEL ADLER, M. Henry, F. Matero – <i>An environmental monitoring program for Spruce Tree House Alcove Mesa Verde National Park</i>  |
| 11:00-11:20a | TARYN D'AMBROGI, R. Mason – <i>A cultural landscape study and site management recommendations for Inscription Trail Loop, El Morro National Monument</i>   |
| 11:20-11:40a | HELEN FAIRLEY, B. Collins, A. Draut, G. O'Brien, J. Pederson, H. Sondossi – <i>Monitoring archaeological site condition within an ecological framework: an example from the Colorado River Corridor in Grand Canyon National Park, Arizona</i> |
| 11:40-12:00p | JESSICA KOTTKE, J. Hinchman, F. Matero – <i>An investigation of quantifying and monitoring stone surface deterioration using three dimensional laser scanning for heritage sites</i>   |
| 12:00-12:20p | ALEX LIM, F. Matero, M. Henry - <i>Soft vegetative capping of archaeological masonry walls at Mesa Verde National Park</i>   |

## Future Directions for Regional Conservation Planning in the Western U.S.: Lessons from the Northwest Forest Plan

**Date:** Wednesday, October 7, 2009: AM Session  
**LOCATION:** DOYLE  
**Moderator:** Carol Carroll, Klamath Center for Conservation Research

---

- |              |  |
|--------------|--|
| 10:20-10:30a | Introductory remarks?  |
| 10:30-10:50a | CARLOS CARROLL – <i>Conservation implications of coarse-scale versus fine-scale management of forest ecosystems: are reserves still relevant?</i>  |
| 10:50-11:10a | ERIC FORSMAN, R. Anthony, K. Dugger, E. Glenn, A. Franklin – <i>Populations status of Northern spotted owls</i>  |
| 11:10-11:30a | CHRISTOPHER A. FRISSELL – <i>Future directions for conservation of aquatic species and ecosystems</i>  |
| 11:30-11:50a | CHAD HANSON, D. Odion, D. Dellasala, W. Baker – <i>Overestimation of fire risk in Northern Spotted Owl Recovery Plan</i>   |
| 11:50-12:10p | DOMONICK DELLASALA, M. Koopman, R. Nauman, B. Barr, C. Deacon Williams, R. Hamilton, B. Doppelt – <i>Preparing for climate change by bringing multiple interests together to design preparation strategies in Oregon and California basins</i> |



12:10-12:30p REED F. NOSS – *The Northwest Forest Plan and current directions in conservation planning*

## Understanding the Human Dimensions of Sustainability and Landscape Level Conservation

**Date:** Wednesday, October 7, 2009: AM Session  
**LOCATION:** FREMONT  
**Moderator:** David C. Fulton, *USGS, University of Minnesota*

---

10:20-10:30a DAVID C. FULTON – Introductory remarks  
10:30-10:50a MICHAEL J. MANFRED – *Societal thought and sustainability*  
10:50-11:10a MAE DAVENPORT, D. Anderson – *Understanding the role of community in conservation: examples from watershed management*  
11:10-11:30a TARA TEEL, M. Manfredo – *Understanding human-wildlife conflicts near urban centers in the Western U.S.*  
11:30-11:50a ERIK NIELSEN, T. Sisk, J. Rundall, S. Sesnie, B. Dickson – *Transition to collaboration: agency perspectives of collaborative forest restoration efforts on the Kaibab National Forest*  
11:50-12:10p NATALIE SEXTON, L. Koontz – *Understanding the role of visitor management and conservation planning of USFWS refuges to promote a conservation network system*  
12:10-12:30p DAVID C. FULTON, S. Schroeder, E. Rudberg – *Factors influencing conservation of privately owned lakescapes*

## Knowledge and Ways of Knowing – Is Science Knowledge the Only Paradigm for Resource Management Decision-Making?

**Date:** Wednesday, October 7, 2009: PM Session  
**LOCATION:** FREMONT  
**Moderator:** Judith J. Bischoff, *Colorado Plateau Cooperative Ecosystem Studies Unit, Northern Arizona University*

---

Time JUDITH BISCHOFF – Introductory remarks?  
Time DAVID MATTSON – *We talk about science and traditional knowledge, but are we not really talking about human dignity*  
Time MORAN HENN, D. Ostergren, J. Bischoff, E. Nielsen - *Incorporation of traditional ecological knowledge within the National Park Service: A look at the Western United States with an emphasis on the Colorado Plateau*

Time	JASON NEZ – <i>Looking up, a Native American archaeologist on archaeology in the Grand Canyon</i>
Time	MICAH LOMA'OMVAYA
Time	LEIGH KUWANWISIWMA
Time	GRAND CANYON NATIONAL PARK (UNCONFIRMED)
Time	DINOSAUR NATIONAL MONUMENT (UNCONFIRMED)
Time	MESA VERDE NATIONAL PARK (UNCONFIRMED)
Time	JEAN PALUMBO

**\*NOT ALL OF THE SPEAKERS FOR THIS SESSION HAVE BEEN CONFIRMED. TIME SLOT ALOTTED FOR THIS SESSION IS FROM 1:30PM – 3:30PM\***

## Application of Threshold Concepts to Management Decision Making

**Date:** Wednesday, October 7, 2009: PM Session  
**LOCATION:** DOYLE  
**Moderator:** Mark E. Miller, USGS, Grand Staircase-Escalante National Monument

---

2:50-3:00p	Introductory remarks?
3:00-3:20p	STEVEN L. GARMAN, C. Lauver – <i>Threshold concepts: their relevance to monitoring and management of natural resources</i>
3:20-3:40p	BRANDON T. BESTELMEYER, D. Goolsby, S. Archer – <i>Spatial patterns in alternative states and thresholds: a missing link for management of landscapes?</i>
3:40-4:00p	MARK E. MILLER – <i>Syndromes of dryland degradation and examples of spatial dependence in relation to soil properties and landscape setting</i>
4:00-4:20p	R. TRAVIS BELOTE, M. Miller – <i>Quantifying patterns and using process models to detect potential ecological thresholds in semi-arid grasslands of the Colorado Plateau</i>
4:20-4:40p	BARRY BAKER – <i>Climate change and thresholds: managing for more than changes in mean temperature and precipitation</i>
4:40-5:00p	DAVID MATTSON – <i>The social-psychology of dominant frames: “thresholds” in natural resources management</i>
5:00-5:20p	JOHN SPENCE – <i>How can ecological modeling and threshold concepts improve resource management decisions at Glen Canyon National Recreation Area?</i>

## Ecology and Conservation of the US-Mexico Borderlands Region

**Date:** Thursday, October 8, 2009: AM Session

**LOCATION:** DOYLE

**Moderator:** MATT SKROCH, *University of Arizona*  
ANA DAVIDSON, *Instituto de Ecología, Universidad Nacional Autónoma de México, University of Arizona*

- 
- |              |  |
|--------------|--|
| 8:00-8:20a   | GERARDO CEBALLOS – <i>Introductory remarks</i>   |
| 8:20-8:40a   | DINAH BEAR – <i>Walling off wildlife: how did this happen and what's next?</i>   |
| 8:40-9:00a   | MEDIA - Borderlands RAVE multimedia presentation: photo journal of the border wall   |
| 9:00-9:20a   | RURIK LIST – <i>Endangered species and protected areas along the US/Mexico border</i>  |
| 9:20-9:40a   | DALE TURNER, G. Bodner – <i>Conservation planning and practice along the US/Mexico border</i>  |
| 9:40-10:00a  | ANA DAVIDSON, S. Brantley, J. Brown, J. Cruzado, E. Fredrickson, D. Lightfoot, R. List, P. Manzano-Fischer, E. Ponce, J. Pacheco, G. Santos, R. Sierra, G. Ceballos – <i>The Janos grassland ecosystem: 20 years of synthesis and experimental research revealing new insights for conservation and management</i> |
| 10:00-10:20a | MATT SKROCH – <i>A biodiversity hotspot: the Madrean Archipelago of the US-Mexico borderlands</i>  |
| 10:20-10:40a | ED FREDRICKSON – <i>Collaborative community conservation along the border</i>  |

## Infectious Disease and Conservation in North America

**Date:** Thursday, October 8, 2009: AM Session

**LOCATION:** HUMPHREYS

**Moderator:** Jeff Foster, *Center for Microbial Genetics & Genomics, Northern Arizona University*

- 
- |            |  |
|------------|--|
| 8:00-8:20a | JEFF FOSTER – <i>Introductory remarks</i>  |
| 8:20-8:30a | JEFFREY FOSTER, P. Keim – <i>Infectious disease and conservation: challenges and insights for the 21<sup>st</sup> century</i>  |
| 8:30-8:50a | DAVID BLEHART, J. Lorch, A. Ballmann, B. Berlowski-Zier, C. Meteyer – <i>White-nose syndrome: and emerging fungal pathogen</i> |

- 8:50-9:10a PAUL CROSS, W. Edwards, B. Scurlock – *Disease in the New West: hierarchical mapping of brucellosis increases in Wyoming elk*
- 9:10-9:30a MARM KILPATRICK, P. Daszak, P. Marra, L. Kramer – *West Nile virus across ecology and impacts in North America*
- 9:30-9:50a LAURIE RICHARDSON, L. Kaczmarsky, A. Miller – *Black band disease of corals: pathobiology and considerations for coral reef conservation*
- \*10 MINUTE BREAK\***
- 10:00-10:20a DAVID RIZZO – *Sudden oak death in coastal California forests: ecological impacts and conservation implications*
- 10:20-10:40a JASON ROHR, T. Raffel, J. Romansic, N. Halstead - *Elucidating the relationship between climate and global amphibian declines associated with chytridiomycosis*
- 10:40-11:00a TIM TINKER – *Density-dependent diet diversification and individual differences in foraging behavior determine risk of disease exposure in Southern sea otters*
- 11:20-11:40a CHARLES van RIPER, R. Fleischer – *Conservation lessons for the Colorado Plateau from avian disease in Hawaii*
- 11:40-12:00p DAVID WAGNER, K. Cobble, R. Colman, J. Busch, R. Van Andel – *Plague in prairie dogs: is there a way forward?*
- 12:00-12:20p Discussion